



**JAPANESE PATENT OFFICE**

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06253846 A**

(43) Date of publication of application: 13 . 09 . 94

(51) Int. Cl. **C12N 15/11**  
**C07H 21/00**  
**C12N 15/10**  
**C12Q 1/68**  
**G01N 33/569**

(21) Application number: 05069371

(71) Applicant: **CHISSO CORP**

(22) Date of filing: 04 . 03 . 93

(72) Inventor: MAKINO SOICHI  
MORITA YUTAKA

(54) POLYNUCLEOTIDE FOR DETECTING BACILLUS ANTHRACIS AND METHOD FOR DETECTING BACILLUS ANTHRACIS USING THE SAME

(57) Abstract:

**PURPOSE:** To obtain a new polynucleotide having high specificity as a DNA probe for detecting *Bacillus anthracis*.

**CONSTITUTION:** This polynucleotide is complementary to a nucleotide sequence capable of coding a capA gene of a plasmid of *Bacillus anthracis* and has a sequence group expressed by the formula or a complementary sequence corresponding thereto. The polynucleotide is obtained by chemical synthesis.

COPYRIGHT: (C)1994,JPO&Japio

ACGCGCTTTAAGCAAGCTGCATCTTGCCTATGTGGGCTGCTGGTGCAAAATTTCAAGATGTAAGAAAT  
ATTGTGTATCAAAATATGTAATGTGTGTACGGTGTCTACTGTCGGATATACAGATGCACTTGTGA  
GGAAGAGCTATTGCAAGCAAGCAAGCAAGCAAGCTGTTGTAAGTATGAACCGCAATGTTATTACTT  
ATGCAAAATAGTACGCAAGGATGCT